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MINUTES OF THE SPRINGVILLE CITY WATER BOARD

Tuesday, June 14, 2016
6:30 a.m.
110 South Main Street
Springville, Utah 84663

ATTENDANCE

Councilmember
Richard Child

Secretary
Marcie Clark

Board Members
Alton Beck -excused
Nile Hatch
Calvin Crandall - excused
Rollin Hotchkiss
Rod Andrew

City Staff
Brad Stapley – Public Works Director
Shawn Barker – Water Superintendent

The minutes from the May 10, 2016 meetings were reviewed. Mr. Hatch made a motion to approve. Mr. Andrew seconded. All were in favor.

Mr. Hotchkiss mentioned a few new applicants for Water Board. He would like to see someone from the west side, since that area is under represented. We should look to have two more members.

Mr. Stapley distributed a spreadsheet on pressurized irrigation metrics (calls, inspections, connections, etc.). He explained the progress that has been made to date. We're a little more than 25% of our goal of 1,000 connections.

Mr. Barker gave an update on Bartholomew Pond. There has been an algae bloom. He's working with Cloward H2O on an aeration package to deal with it. That will happen in July with our new budget. The small pond has higher nutrients than the new pond, which is part of the problem.

Mr. Barker reported that we received the official results from the State (Division of Drinking Water) on Burt Springs. We were rated a 1, which is considered very low risk. At this point, we don't believe it is under the influence of surface water. This means we can start to develop it, if we decide to.

2) Funding for 400 S. Well/Burt Springs – Mr. Barker explained that we need to decide which project to go after first. Consultant engineer, Marv Allen of Hansen, Allen & Luce recommends doing the 400 South Well first. He thinks we should be able to get 2-3,000 gpm and the demand is on the Spring Creek side. We know that is where the growth will be. Mr. Barker also consulted Michael Osborn with Rural Water, who also recommends 400 South Well first. With Burt Springs, there is no guarantee that we will capture more water. We don't know the elevation of the water coming off the bank, so we would be taking a risk by moving forward with Burt Springs. The "pro" with Burt Springs is it could happen over the wintertime. It will be about \$500,000, whereas the new well will be \$2.7 million, of which we have \$1.9 million already saved and budgeted in this coming year. We could drill the well this year and do the well house in the following year.

Which project does the Water Board recommend doing first?

Mr. Hotchkiss asked about the water quality at 400 South. Mr. Barker stated that it is good, clean water. The existing 400 S Well has good volume with not much draw down.

Mr. Hotchkiss asked about Burt Springs flows. Mr. Barker stated that when irrigation starts and Hobbie Creek dries up between the diversion dam and the take out at the Springville/Mapleton diversion, the flows in Burt Springs go down. When the irrigation season is over, the flows come back up. We are currently producing 1500 gpm. By the

July 12, 2016
Approved

1 end of summer it will be around 750 gpm. We know we are tapped into the aquifer back to the north. There are
2 three legs there and the eastern leg is where Mr. Barker suspects we're getting the percolated water.
3

4 Mr. Stapley brought up the water budget and how each project will affect our reserves. The Burt Springs project is a
5 cheaper, quick fix verses the well which is more expensive and will provide more water (\$500,000 for Burt Springs
6 vs. \$2 million for 400 S Well). The two projects will provide water to two different water zones.
7

8 Mr. Hotchkiss and Mr. Hatch are leaning toward the 400 South Well because of the high yield of water and it's more
9 controllable; Mr. Andrew is leaning toward Burt Springs for budget reasons. Mr. Barker stated that the 400 S Well is
10 a master-planned budget and we already know that we're on the edge for water supply. Burt Springs could be done
11 this winter and ready for next spring.
12

13 Mr. Stapley - We'll go forward with the way the upcoming budget is set up now with 400 S Well first.
14

15 Mr. Andrew brought up an issue with the property for sale north of Ray Klauck Way. Stouffers is currently pumping
16 water out of the creek to water their grass. If that goes away, what impact will that have on the system? Mr. Barker
17 expressed some concern about that. Secondary water from the new PI system is not available in that area.
18

19 1) Culinary Water Tiered Rates – Mr. Stapley explained two components to this. Because of source capacity, we're
20 trying to instill some sort of conservation on the culinary water side. We can either raise rates or we can change
21 the tiers, which changes how much their bill is because of their use, but doesn't raise rates. We already have a
22 3% increase in place through the base rate. Mr. Stapley would like adjust the tiers and shrink them down.
23

24 Mr. Hatch was planning to look at changes in consumption and what happens to revenue. Predicting conservation is
25 much harder. Mr. Hatch has never looked at conservation since the tiers went into effect. The Water Board has
26 always just looked at revenue. Mr. Hatch needs 2015 consumption and billing data, and then he could do analysis
27 and look at conservation. The challenge is the blocks have been constant the whole time. It's not clear where the
28 boundaries are.
29

30 Mr. Hotchkiss brought up again that we need to get a contract with Mr. Hatch on his work with tiered rates.
31

32 Mr. Stapley would like to make a goal for Mr. Hatch and decide how soon we should make changes.
33

34 Mr. Hatch would like put the data into graphs so we can look at it and try to predict how consumption will change.
35 Mr. Hotchkiss states that adjusting consumption is difficult because we get our bills after the fact. It would be great
36 if we had instant feedback and could have more control over water usage. Mr. Stapley wants to be careful about
37 lowering the tiers that will affect indoor household use.
38

39 Mr. Hatch explained that he found in his dissertation work that pricing was effective only during drought and most
40 effective when coupled with other things such as information programs, rebate programs, etc. Mr. Barker will work
41 on getting 2015 data to Mr. Hatch and putting a contract together.
42

43 Mr. Hotchkiss would like to meet in July. Ms. Clark will find out who will be attending.
44

45 Mr. Hatch moved to adjourn. Mr. Hotchkiss seconded. All were in favor.
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47 **Adjourn** – This meeting adjourned at 7:32 a.m.
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